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Art For The Ear

# iM200
## User Manual

Made for iPod

Hi-Fi quality 2.1 subwoofer speaker system with iDock system

Prior to first use, please read the manual carefully

Microlab Technology Co, .Ltd
Made in China

All symbols and logo belong to the respective brand holder or registered holder. All specifications and information are subject to changes without further notice. Slight variations and differences might appear between the printed photos and actual product due to product enhancement.

## Important Safety Instructions

**Caution:**
To reduce the risk of electric shock, do not dismantle the product and do not expose the apparatus to rain or moisture. No user-serviceable parts inside. Refer servicing to qualified personnel only.

**Explanation of Graphical Symbols:**

The lightning flash within an equilateral triangle is intended to alert you to the presence of uninsulated 『dangerous voltage』 within the product's enclosure that may be of sufficient magnitude to constitute an electric shock to a person or persons.

The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and

WARNINGS:

1. Read Instructions - All the safety and operating instructions must be read before the product is operated.
2. Retain Instructions - The safety and operating instructions should be kept product for future reference.
3. Heed warnings - All warnings on the product and in the operating instructions should be adhered to.
4. Follow instructions - All operating and use instructions should be followed.
5. Installation - Install in accordance with the manufacturer's instructions.
6. Power sources - This product should be operated only from the type of power source indicated by the marking adjacent to the power cord entry. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.
7. Grounding or polarisation - the product is not required to be grounded. Ensure the plug is fully inserted into the wall outlet or extension cord receptacle to prevent blade or pin exposure. Some versions of the product are equipped with a power cord fitted with a polarized alternating line plug (a plug having one blade wide than the other). This plug will fit onto the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarised plug. When using an extension power-supply cord or a power-supply cord other than that supplied with the appliance ,it should be fitted with the appropriate moulded-on plugs and carry safety approval appropriate to the country of use.
8. Power cord protection - Power-supply cords should be routed so that they are not likely to be walked on, kinked or pinched by items placed on or against them, paying particular attention to cords from plugs, receptacles and the point where they exit from the appliance.
9. Overloading - Do not overload wall outlets, extension cords or multiple sockets, as this can result in a risk of fire or electric shock.
10. Ventilation - The product must be properly ventilated. Do not place the product on a bed, sofa, or other similar surface. Do not cover the product with any items such as tablecloths, newspapers, etc.
11. Heat - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products) including amplifiers that produce heat.No naked flame sources,such as lighted candles, should be placed on the apparatus.
12. Water and moisture - To reduce the risk of fire or electric shock, do not expose the product to train, dripping, splashing or excessive moisture such as in a sauna or bathroom. Do not use this product near waterfor example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool and the like.
13. Object and Liquid Entry - Never push objects of any kind into this product through openings, as they may touch dangerous voltage points or short-circuit parts that could result in a fire or electric shock. Never spill liquid of any kind on the product. Do not place any object containing liquid on top of the product.
14. Cleaning - Unplug the product from the wall outlet before cleaning. The cabinet of the subwoofer may be cleaned by dusting with a dry cloth. If you wish to use an aerosol cleaning spray, do not spray directly on the cabinet; spray onto the cloth. Be careful not to damage the drive units.
15. Attachments - Do not use attachments not recommended by the product manufactures, as they may cause hazards.
16. Accessories - Do not place this product on an unstable cart, stand, tripod, bracket or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the product. Any mounting of the product should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.
17. Moving the product - A product and cart combination should be moved with care. Quick stops, excessive force and uneven surfaces may cause the product and cart combination to overturn.
18. Unuse periods - The power cord of the appliance should be unplugged from the outlet during lightning storms or when the apparatus is left unused for a long period of time.



## TroubleShooting

| Frequently Asked Questions (FAQ) | Solutions |
|---|---|
| Your iPod does not dock properly | Ensure the dock insert is correct for the iPod type.<br>Remove the iPod and check for obstructions and foreign objects on the interfaces.<br>Reseat the iPod again and test. |
| No Sound (iDock) | Ensure the system is plugged in and your iPod is turned ON, and a music track is selected and played.<br>Depress the Play/Pause button on the remote control.<br>Increase the volume level.<br>Remove your iPod from the iDock, and wait briefly before reinserting again. You might need to do this for several times.<br>Ensure your iPod is running with compatible software. |
| No sound and your iPod is not charging | Ensure the power cable is correctly plugged into the wall's AC socket.<br>Ensure the iPod is firmly seated on the iDock |
| No sound after quickly undocking or docking your iPod | Remove your iPod from the iDock and wait for 5 seconds. Next reinsert the iPod to the iDock.<br>Unplug the power cable for 1 minute and the reinsert it again. This will reset the system. |
| Your iPod does not respond to the iDock remote control buttons shown: | Remove your iPod from the iDock and pause briefly before reinserting. You might need to repeat this several times.<br>Try using the remote control from different locations. If it works somewhere else, then strong lighting or other room ambience might be affecting the Infrared signal.<br>Ensure no obstructions are in between the Infrared sensor and the remote control. Wipe off any dirt or oil stains on the lens of the remote control.<br>Ceck the remote control batteries and ensure the cell positive side is facing up in the compartment tray.<br>Try replacing with fresh batteries.<br>Upgrade the software inside the iPod. For more details, |
| No Sound | Check if the audio source is working well |
| | Check if the audio and speaker cables well connected |
| | Check if the volume at right level |
| One or more satellite no sound | Check if the satellite cable well connected, and ensure source connection is correctly inserted |
| Static sound heard when volume knob is turned | Turn off the playback source first, then turn the speaker volume knob several times. Playback again and monitor. The static noise is due to dust, so simply turning the volume will remove it easily. |
| What are the products supported? | Any playback devices such as PC, notebook, CD/DVD player, Media Players with 3.5mm stereo plug. |
| Sound is distorted | Check if the source file is not corrupted, play a different song and test. |
| Where to place this speaker | It is magnetically shielded so can be placed near LCD TV Monitor without any distortion |
| If the problem still exists, please contact the distributor or seek professional advice. | |

## Technical Information

### Specifications

**Amplifier**

| | |
|---|---|
| Output power: | 40 Watt RMS |
| Distribution: | 12 Watt x 2 (satellites) + 16 Watt (subwoofer) RMS |
| Harmonic distortion: | 0.3% 1 Watt 1kHz |
| Frequency range: | 35Hz - 20kHz |
| Signal/Noise ratio: | >80 dB |
| Separation: | >45 dB |
| Input sensitivity: | 400mV |

**Speakers**

| | |
|---|---|
| High frequency drive unit: | 2.5" tweeter x 2 |
| Power: | 10 Watt 6 ohm |
| Bass drive unit: | 5" woofer driver |
| Power: | 15 Watt 4 ohm |
| Frequency range: | 35Hz - 20kHz |

**Power**

| | |
|---|---|
| Speaker power supply: | AC 120V ~ 60Hz, 280mA |
| iDock power supply: | AC 100V - 240V, 60Hz |

**Interfaces**

| | |
|---|---|
| Speakers: | 2 x RCA (Left and Right) |
| System to source: | iPod 30pin interface, 3.5mm stereo |

**Dimensions**

| | |
|---|---|
| Product: | Subwoofer - 270 x 189 x 156 mm (W x H x D)<br>Satellites - 90 x 175.5 x 90.5 mm (W x H x D) |
| Weight: | 4.8 kg |

**Made for iPod:**

iPod (20GB, 30GB, 40GB, 60GB only),
iPod (photo) 40GB, 60GB only,
iPod (color) 30GB, 60GB only,
iPod (video) 30GB, 60GB, 80GB only,
iPod mini (4GB, 6GB only),
iPod nano (1GB, 2GB, 4GB, 8GB only)

iPod is a trademark of Apple Inc., registered in the U.S. and other countries
"Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod and has been certifed by the developer to meet Apple performance standards.
Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.



19. Servicing - Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
20. Please remove the power plug form the main power source or wall power source when not in use. When plugged in to a power source, the system is in standby mode, so the power is not entirely cut off.
21. Replacement parts - When replacement parts are required, ensure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
22. Mains fuses - For continued protection against fire hazard, use fuses only of the correct type and rating. The correct fuse specification for each voltage range is marked on the product.
23. Do not turn up the volume while listening to a section with very low level inputs or no audio signals. If you do, the speaker may be damaged when a peak level section is suddenly played.
24. The only means of completely disconnecting the product from the power supply is by removing the power cord from the wall outlet or the product. The wall outlet or the power cord entry to the product must remain freely accessible at all times while the product is in use.
25. Try to install the product near a wall socket or exetension cord and shall be easily accessible.
26. The highest environmental temperature suitable for this product is 40°C.

## Introduction

Hi-Fi quality 2.1 subwoofer speaker system with iDock system
Quality speakers designed for multimedia and computer application. Perfect for digital media playbacks. Microlab's X-bass technology for bass depth and full range resolutions.
Surround system that fills your room with clear and perfect acoustic. Support various connection interfaces for multiple digital playback devices, such as 3.5mm stereo, RCA stereo and iPod.

### Features

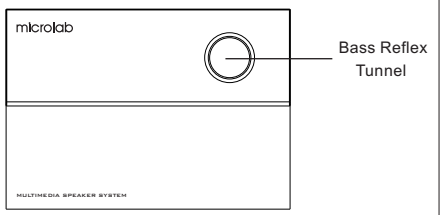
* 40 Watts of total pure acoustic power
* Full range 2.1 speaker system with remote control
* High quality wooden cabinet subwoofer with X-bass technology
* Comes with docking system for iPod with charging function
* Unique satellite designs with magnetic shields

### Package contents

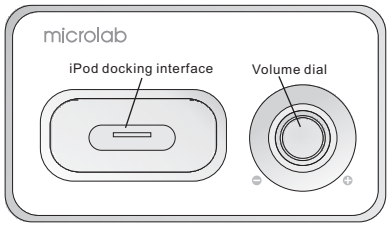
| | |
|---|---|
| iM200 Subwoofer | 1pc |
| iM200 Satellite | 2pcs |
| iDock | 1pc |
| Power adaptor | 1pc |
| RCA-RCA video signal cable | 1pc |
| 3.5mm - 3.5mm audio signal cable | 1pc |
| 2 RCA - 2 RCA audio signal cable | 1pc |
| Infrared remote control | 1pc |
| Type AAA batteries | 2pcs |
| User manual | 1pc |

## Illustrations

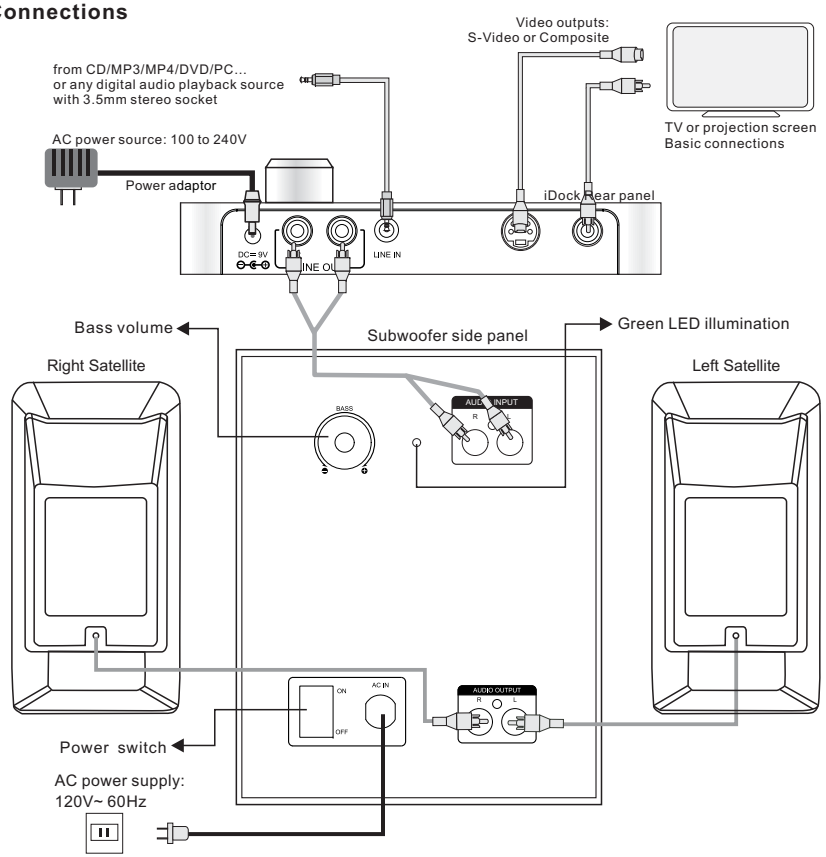
### Front Panel




### iDock top panel




### Connections






## Product connection and operation

**1. iDock connection**

a. Connect the LINE OUT of iDock with the audio signal input port of the subwoofer.
b. Connect the LINE IN of iDock with the audio output port of the audio players, e.g., DVD player or PC, etc. If the iPod is docked, the LINE IN is not to be used and vice versa.
c. Connect the S-VIDEO OUT/Composite OUT of the iDock with the TV or LCD respective video input ports.
d. Connect the power adaptor's DC plug into the iDock DC 9V socket, and the other end into the wall or AC power supply.

**Operation**

a. Turn on the AC power supply. The Volume dial LED remains off and ensure the Volume dial remains at the lowest point to prevent speaker damage from sudden volume spike.
b. Turn the volume dial or press the " ⏻(ST-BY) on the remote control to turn on the product. The blue luminous ring LED is lighted.

**Input selections:**

With the iPod docked, the audio output is from the iPod interface. When there is no iPod player connected, the LINE IN becomes the default input selection. Any digital audio playback devices can be connected via this 3.5mm stereo interface

.

Note: When using iPod, please install the base adaptor of your respective iPod player version into the common base of the system.

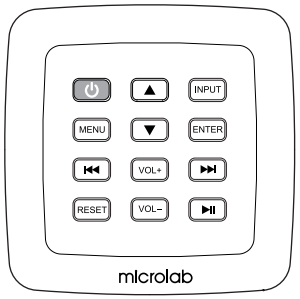
**2. Multimedia speaker connections**

a. Connect the left satellite speaker to the white audio output port of the subwoofer.
b. Connect the right satellite speaker to the red audio output port of the subwoofer.
c. Connect the iDock Line Out to the subwoofer audio input RCA interfaces.

**Operation**

a. Depress the POWER switch on the rear of the subwoofer to turn on the multimedia speaker system.
b. Ensure that your audio source is correctly configured and start the playback file.
c. Adjust the master volume on the iDock or the side bass control to your preferred levels. Alternatively you can use the remote control to adjust the volume levels to your preferred listening ambience.

## Remote control illustration




Remote control

**Functions:**

⏻ : Power ON / Off button, product goes to standby in Off mode
INPUT: Depress to select between line input or iPod interface
MENU: Revert to iPod's previous menu
▲ : Previous menu
▼ : Next menu
ENTER: Confirm selected menu
⏮ : Previous song
⏭ : Next song
VOL+/-: Volume adjustment level
⏯ : Play or Pause the playback
RESET: Depress to revert volume to factory default settings.